

# Bridgeport Public Schools (Bridgeport, CT)

In partnership with University of Connecticut

Two K-12 schools will serve as demonstration sites for all 39 schools in the City of Bridgeport and for thousands nationwide. The schools will receive deep energy retrofits by installing controls and BMS, new condensing boilers, heat pump water heaters, VFD's, and energy efficient lighting with controls. The schools will also receive retro-commissioning of heating and cooling systems to improve energy efficiency and indoor air quality. BPS will install solar and battery systems to lower GHG emissions and electricity costs, and to provide resiliency to these schools that serve disadvantaged communities as emergency shelters. In addition, this project will fund students in apprenticeship programs with scholarships at Connecticut Technical Education and Career System and provide engineering internships for students from Housatonic Community College, a 2-year MSI. K-12 learning modules on energy efficient buildings and technologies will also be prepared for students in Bridgeport Public Schools.

## Community Benefits

The project team will work with UA Local Union: Plumbers & Pipefitters Local 777 during the RFP, contracting, and construction phases to ensure workers are paid prevailing wages and that the workplace is healthy and safe. The team will also work with the local technical school and community college to support the development of STEM professionals who will enter careers in engineering and trades. The project will pay scholarships for apprentices in the trade school programs at the Connecticut Technical Education and Career System, and Bullard-Havens Technical High School in Bridgeport, to help them pursue training towards their electrical, plumbing, pipefitting, or HVAC licensure.

Team Members	
<ul style="list-style-type: none"><li>• UA Local Union: Plumbers and Pipefitters Local 777</li><li>• UConn Vergnano Institute for Inclusion</li><li>• Connecticut Technical Education And Career System, Bullard Technical School</li><li>• Housatonic Community College</li><li>• Sustainable CT</li><li>• Loureiro Engineering Associates Avangrid - United Illuminating</li><li>• Siemens Industrial</li></ul>	
Total Funds Requested	\$ 3,616,009
Proposed Cost Share (%)	\$ 755,002 (17%)
Number of Buildings	2

